st & Final Bill

SBR No. 45/16-17

DATED 5-7-16

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE
(For Other Works)

Est 1.30 lakes

EE/ELE/Y/BR No. 45/16-17

Date: Dt. 7-7-16

o.

ivision: Electrical (Yelahanka) Sub- Division:

ill Received No.....Dated.....Cash Book Voucher No.....dated.....

cheduled Docket Name of Work (as per sanctioned estimate): **Estimate for Repairs to the anel board and Shifting of High Mast in Byatarayanapura Constituency.**

ontractor and Full Address:M/s Sri Lakshmivaradaraja electrical stores,

ork Order No: : EE/(Elec)/YI/WO/03/2016-17 Dated : 20-5-2016

ference to Agreement Date .....

Job No:- 005-16-000040

PCode

rtified that the measurements were taken by me on 5/7/16... and recorded of pages 310629 to 637..... of Measurement Book No 3107/16-17 and that the work is satisfactorily executed.

Sri Lakshmi Varadaraja Electrical Stores

Proprietor

ontractor

T.N. Baddy JE(E)

Officer in charge of work

Certified that the measurements were taken by me on 5/7/16.....and found correct. The rk is satisfactorily executed.

Certified that the quantities of materials shown in columns 3 of Account II have been actually ught to Site of the work and the contractor has not previously received any advance on this urity. These materials are of an imperishable nature and are all required for immediate use on the rk in the connection with item for finished work have been agreed upon. And normal agreement ned and executed by the contractor is recorded in the office.

Sub-division Officer

Memorandum of Payment

86) Total value of work done or supplies as per account within	BILL=	112285=00
87) Deduct amount to be held in reserve being .....percent	IT 1%	1123=00
Rs.....		
88) " Balance	VAT 4%	4491=00
89) Deduct payment :		
ii) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D.No.....	SD 5%	5614=00
	LWC 1%	1123=00
Amount adjusted towards cash advance recovery of		
jj) Payments cost store or other material supplied.	CBF 0.1%	112=00
Now made recovery amount creditable to this/ other work	deductions	12463=00
Amount paid on this bill cheque/cash	Cheque	99822=00
90) Balance being unpaid value of work done held in reserve		
5) Deduct cash advance made on the Office Cash Book Voucher No..... dated.....less adjustments		
7) Net amount due to or from contractor		
Unadjusted items		
8) Advance to contractor for materials brought to site (as iled) within Value of Government materials supplied		

Sri Lakshmi Varadaraja Electrical Stores

Proprietor

Contractors Signature

ived Rs.....(in words)

.....

ash and adjustment of payment as per memorandum.

esses :

Sri Lakshmi Varadaraja Electrical Stores

Stamp

Proprietor

ಲೆಕ್ಕಶೀರ್ಷಿಕೆ PO 299 M&R to Elec...

ರೂ: 112285/- ರಂದು ಮಾಡಿ ಸ್ವೀಕರಿಸಿದೆ

ರೂ: 99822=00 ಚೆಕ್ ನೀಡಲಾಗಿದೆ

ರೂ: 12463=00 ಹೊಂದಾಣಿಕೆ ಮಾಡಿದೆ

d .....Signature of contractor

by me by cheque No.....Dated.....

Rs.....

ಲೆಕ್ಕ ಅಧೀಕ್ಷಕರು

Executive Engineer (Elec)

ಕಾ.ಪಾ.ಅ.(ವಿ) ಯಲಹಂಕ ವಲಯ

ficials of Officer making payment

Sl. No	Description of Item	Unit
	Estimate for Repairs to the Panel board and Shifting of High Mast in Byatarayanapura Constituency	
1	KSRB 2-1.1 : Earthwork in excavation for foundation of structures as per drawing and technical spcifications, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sided and bottom and backfilling with approved material complete as per specifications I.Ordinary soil - A Manual Means (i) Depth upto 3m MORTH Specification No.304. {Pg No.221 I.No. 27.1}	Cum
2	KSRB 4-1.3: Providing and laying in position plain cement concrete mix M7.5 with OPC cement @ 180kgs with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggreagtes @ 0.57cum machine mixed concrete laid in layers not exceeding 15cms thick well compacted in foundation and plinth including cost of all materials labour HOM of machinery curing complete as per specifications. Specification No.KBS 4.1, 4.2 (PWDSR 2012-13 Pg No-12, Item No-4.3)	Cum
3	KSRB 4.2.8 : Providing and laying in position **reinforced cement concrete of design mix M20** with OPC cementb@ 320kgs with 20mm and down size graded granite metal coarse aggregates @ 0.69cum and fine aggregates @ 0.46cum with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008 machine mixed concrete laid in layers not exceeding 15 cms thick, vibrated for R.C.C.beams, columns of all sizes in foundation plinth and superstructure ground floor level for roof slabs, staircase, lintels, columns, including cost of all materials, labour, HOM of machinery, curing, complete as per specifications.(excluding cost of steel, fabrication & plastering)Specification No. KBS 4.1, 4.6 (PWD SR 2011-12 Page no-15, Item No.4.17)	Cum
4	KSRB 4.9.2 : Providing TMT steel reinforcement for R.C.C. work including straightening,cutting, bending, hooking, placing in position, lapping and / or welding wherever required,tying with binding wire and anchoring to the adjoining members wherever necessary complete,as per design (laps, hooks and wastage shall not be measured and paid) cost of all materials,labour, HOM of machineries complete as per specifications. Specification No.KBS 4.6.3 (PWDSR 2012-13 Page no-19, Item No-4.46)	Qtl
5	KSRB 4-6.5: Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square/ rectangular/ polygon in plan including cost of all materials, labour complete as per specifications. Specification No.KBS 4.6.2 (PWDSR 2012-13 Page no-17, Item No-4.32)	Sqm

6	Supplying High pressure ..... Metal halide flood light luminary suitable for use with high pressure metal halide lamp with integrated control gear. The fitting shall be non corrosive high pressure die cast aluminum housing powder coated with toughened and heat resistant glass with low copper content black/grey powder coated paint finish with EPDM gasket. Reflector shall be made of high purity pre-anodized aluminum. Cable entry through a cable gland with toggle clips. IP 65 protection for both and optical and electrical compartment. Bottom cover may be with polycarbonate / tempered / toughened glass. Luminaire efficiency should be > 60% and ambient temperature > 35 deg C. High intensity discharge Electro magnetic ballast with copper winding of Octocyclic winding coil. Class H insulated dual coated copper wire. Compliance to IEC 61347-2-9 Safety and IEC 60923- performance. Winding temperature for HID ballast tw = 130 deg C and temperature rise ?T - 70 deg C. Luminaire shall be suitable to operate on 230/250Volts 50Hz AC supply finish including wiring, ignitor, condenser. SS Toggles for opening front hingeable glass, prewired to terminal block. 4.18.3) 400Watts	Each
7	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A.	
8	7.4.5. 3.5 core 25 sqmm	P/Mtr
9	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.On wall /Structure In existing trench/duct	
10	7.8.2. 25 sqmm to 75 sqmm	P/Mtr
11	Digging of trench of 0.6m deep x 0.50 mtr wide refiling the trench to the required ground level and consolidating etc., Complete. (As per Civil SR KSRB 1-2, P-7)b. In soil (ordinary)	P/Mtr
12	Supply and fixing of 4pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc., complete with AC-3 Rating and as per IS-13947 100-125Amps	Each
13	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete.14 SWG	Sq cm

14	Supplying and fixing Microprocessor based Astronomical timer Switch with using necessary bolts, nuts and washers.	Each
15	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. And M.S. flat... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint..40x40x6mm.	Mtr
16	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers .100 Amps	Each
17	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipments on the meter board using 40mm dia 2.90 thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proprotion of salt and charcoal 150mm around the pipe to complete depth. the connection form the pipe to the conduit etc, is to be established through GI wire of size as oer ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and checknuts etc, the pipe shall have 16 through holes of 12mm dia.	Each
18	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV calss UG cable filled with necessary bituumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc. 25 Sqmm	Each
19	Material Components for Anchor Plates (IS 2062) Sl no 423, code no 0712, Page No XV,	Each
20	Material Component Steel wire Rope 40 mm Sl no 258, code no 0958, Page No IX,	kgs
21	Fixing halogen/metal halide/SVL/IL /LED floodlight fitting over existing pole/wall ceiling including clamps ,bolts ,nuts and wiring using suitable capacity wires complete .	Each
22	Hire Charges for Cranes 80 Tonnes SINo-86 P.No-49 KPWD SR Civil 14-15	hr
		Grand T

Certificate: 1. The Above said Work has been carreidout satisfactorily

2. Amount claimed in this bill has not been claimed any of the previous bill

K. N. Reddy

Assistant Executive Engineer (Ele)
BBMP, Bangalore

Sri Lakshmi Varadaraja
Electrical Stores

Proprietor

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty	Cost	Qty	Cost	Amount	Qty	Cost	
		6.8	77.00	523.60	6.8	523.60	
		0.7	3500.00	2450.00	0.7	2450.00	
		2.9	5000.00	14500.00	2.9	14500.00	
		1.46	6000.00	8760.00	1.46	8760.00	
		7.04	200.00	1408.00	7.04	1408.00	

		6	8000.00	48000.00	6	48000.00	
			125.00	0.00		0.00	
		44	125.00	5500.00	44	5500.00	
			60.00	0.00		0.00	
		44	10.00	440.00	44	440.00	
		21	60.00	1260.00	21	1260.00	
		1	5500.00	5500.00	1	5500.00	
		12000	0.30	3600.00	12000	3600.00	

	1	2500.00	2500.00	1	2500.00	
	6	200.00	1200.00	6	1200.00	
	3	200.00	600.00	3	600.00	
	1	1900.00	1900.00	1	1900.00	
	1	200.00	200.00	1	200.00	
	3	250.00	750.00	3	750.00	
	0	75.00	0.00	0	0.00	
	6	99.00	594.00	6	594.00	
	18	700.00	12600.00	18	12600.00	
			112285.60		**112285.60**	

otal